

Abstract

Devices, networks and methods relating to routing gateway traffic in a mesh network for wireless access. A mesh network has multiple nodes in at least one gateway node through which all incoming and outgoing data traffic pass through. The nodes provide wireless access to wireless and user devices, each of which is associated with a node in the mesh network. Each gateway node contains a record detailing which nodes are providing wireless access to which wireless end user device and which nodes are associated with which end user devices. This record of each end user device's location is periodically updated as the gateway node periodically receives data from the nodes which detail the device is being serviced by which node. Any incoming data traffic destined for an end user device is encapsulated and routed to the proper node servicing that end user device.